Fahran Kamili

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EDUCATION

The University of Texas at Austin, Austin, TX   Expected May 2017

Bachelor of Science in Mathematics

Relevant Coursework: Data Structures, Intro to Programming, Statistical Learning and Data Mining, Programming Language, Database

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EXPERIENCE

Visa , Foster City, CA   May 2016 – August 2016

Software Engineering Intern

Technology used: Angular JS, Node JS, Jison

- Developed context free grammar parser that utilize Jison, a JavaScript implementation of Bison
- Applied my knowledge of Lexical analysis and Yacc to develop this parser
- Integrated my parsing engine to the company wide unit testing framework

uShip, Austin, TX   May 2015 – August 2015

Software Engineering Intern, API & Infrastructure team

Technology used: .NET, C#, NUnit, MySQL, NHibernate, RabbitMQ & Mass Transit , Mashery, Mercurial version control, Nuget package manager

- Developed RESTful API using .NET MVC framework
  - Fixed bugs on handling the authorization for third party application
  - Handled Invalidation of third party application's authorization token using Mashery
  - Created unit test using NUnit testing framework
  - Created REST test using Gherkin based fra famework Xbehave
- Created a number of SQL procedure using Object-Relational Mapper NHibernate
- Researched and Implemented optimization for publish/subscribe messaging pattern using MassTransit and RabbitMQ
  - Improved the subscribing speed by 200%
- Created Python uShip sdk using Swagger during uShip hackathon

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PROJECTS

SwiftPy

Implementation of Swift's switch statement that compiled down to Python

https://github.com/kerrorro/PLFinal/tree/master/Swift

- Developed a Swift's switch statement interpreter utilizing Lex and Yacc that compiles down to Python
- Utilizing Python's lambda feature to execute the interpreted Swift's expression

ThisCourse

It's a startup Idea that provides student with on demand recorded lecture from their class

https://dribbble.com/shots/2997508-Thiscourse

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Intellitapp

An Android App that connect student to local tutors

https://github.com/FronTexas/Intellitap/ & https://dribbble.com/shots/2997523-Intellitapp

Android developer , Team member

Tech Stack – Front end : Android , iOS , Angular JS. Back end – Java REST , SQL , JDBC

- Developed Android app that lets user search and book for local tutors

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ORGANIZATIONS

Longhorn Entrepreneurship Agency (LEA)

http://utlea.org/

Marketing Team

- Organized marketing campaign for events that LEA organized such as Startup Job Fair, Startup MeetUp, and Entrepreneurship Week

Garuda Bisa

Student Organizations that focus on connecting Indonesian students in USA to Indonesians professionals in USA

http://garudabisa.com/

Student Relations & Admissions

- In charge of admissions of incoming student to Garuda Bisa